



**U.S. DEPARTMENT OF COMMERCE**  
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NOAA Finance and Administration  
Central Administrative Support Center  
Acquisition Management Division  
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## **Public Notice**

Posted on: **August 23, 2005**

**PART: U.S. GOVERNMENT PROCUREMENT**

**SUBPART: Acquisition of Services**

**OFFADD: U.S. DEPARTMENT OF COMMERCE, NOAA, Central Region Acquisition Division, 601 E. 12<sup>th</sup> Street, Room 1756, Kansas City, MO 64106**

**REF NO: NRMAF000-5-05028**

**SUBJECT: Establish a Purchase Order to provide Analysis on Pb-210 archived core sample from Lake Erie for Sediment Deposition Rate. Total Sedimentary nitrogen and Organic Carbon content and plot data.**

**POC: Sharon Walker, Contracting Officer, (816) 426-7267 x241**

This is a public announcement for a proposed contract action. In accordance with Far Part 5.101 as required by the Small Business Act (15 U.S.C. 637(e) and the Office of Federal Procurement Policy Act (41 U.S.C. 416).

**DESC: Service Sources Sought for Scientific Research:** This is a notice of intent to obtain research service from the University of Wisconsin-Milwaukee, Great lakes Water Institute, Milwaukee, WI.

This is a large-scale, international, multidisciplinary field-research program on Lake Erie during 2005. This is a combined sponsored effort between National Sea Grant College Program, Ohio Sea Grant College Program, New York Sea Grant College Program and NOAA's Great Lakes Environmental Research Laboratory. Period of performance is from date of award thru September 30, 2006. To be considered interested parties must be able to demonstrate their ability to perform the following statement of work.

This integrative research program seeks individuals whose research would complement NOAA's efforts to understand and forecast 1) periodic low-oxygen (hypoxic/anoxic) events in Lake Erie's central basin, and 2) the influence of physical factors (e.g., oxygen availability, temperature, lake circulation) and food web (trophic) structure on fish production and/or invasive species persistence (and vice versa). Novel research concerning the formation of Harmful Algal Blooms (HABs) in western Lake Erie also is encouraged. This research program is based upon a number of scientific planning efforts undertaken by the Lake Erie Millennium Network, NOAA-GLERL (e.g., Lake Erie Science Planning Workshop Ohio Sea Grant, and the Lake Erie Commission and is designed to:

- Describe food-web dynamics and spatial coupling of food web in Lake Erie's west central, and east basins, including how trophic interactions have been altered by exotic species or other perturbations to the system;
- Determine if and how central basin hypoxia during late summer influences the spatiotemporal distribution and productivity of both native and exotic species across all trophic levels, including their trophic interactions;

- Better understand the exchange of water, sediments, nutrients, and carbon among basins, including its effect on oxygen availability in the central basin, via analysis of sediment/water chemistry and/or modeling; and
- Describe and forecast the development of harmful algal blooms in Lake Erie, including quantifying overall primary production across the lake and effects of its products.

Ultimately, the information obtained through this collaborative, multidisciplinary research program would be used to enhance the ability of resource managers to understand and forecast variation in fish production, invasive species impacts, and hypoxia/anoxia in Lake Erie, and thereby improve decision-making. Research supported by this program is expected to focus primarily on three of the National Sea Grant College Program's 11 thematic areas: fisheries, ecosystems and habitats, and aquatic invasive species. This program also will address four of the Great Lakes Governor's nine priorities: protecting human health, non-point source pollution, aquatic invasive species, and restoring and protecting fish habitat.

Although novel, relevant research investigations, regardless of discipline, are welcomed, we especially seek investigators with expertise and interests in:

- 1) Nutrient dynamics (e.g., Detroit River loading impacts, watershed effects on nutrient availability, sediment-water nutrient flux),
- 2) Microbial ecology (including microzooplankton),
- 3) Phytoplankton production,
- 4) Benthic-pelagic coupling, especially as this is affected by introduced species,
- 5) Impacts of hypoxia/anoxia on the lower food web,
- 6) Food—quality effects on biological production and dynamics,
- 7) Ecosystem modeling and the relationship between physical and biological dynamics, and
- 8) Sediment accumulation and resuspension dynamics.

Investigators funded by this program will be involved in the research-planning process of this investigation, including hypothesis development, cruise sampling design, and data synthesis, beginning with an all Principal Investigators (PI) meeting. All data collected will be centralized in a NOAA-GLERL Lake Erie database to facilitate data sharing among participating investigators. All reporting will be done through an Ohio Sea Grant electronic reporting system to minimize time requirements for principal investigators and to enhance our education and outreach efforts by allowing easy access by other investigators, the general public, managers, students, and the media.

Additional background information about this program, including: 1) a more detailed description of the conceptual research framework for this project, 2) a list of planned NOAA-GLERL Lake Erie projects for 2005, and 3) a description of the jointly planned NOAA-Environment Canada Lake Erie buoy (moorings) program, can be found at NOAA-GLERL's Lake Erie Project website (<http://www.glerl.noaa.gov/re s/Programs /erie/>).

To be considered, firms must furnish detailed information concerning their capability to provide the services and satisfy the Government's needs. Such information shall include, at a minimum, name, telephone number and address of concerns for whom you have furnished these services previously, and detailed narrative that described your facility and ability to provide this service. This notice is for services for which the Government intends to solicit and negotiate with only one source under authority of FAR 6.302. Interested parties must respond within (10) days after publication of this notice. If no affirmative responses are received, the

government intends to issue a purchase order to the University of Wisconsin, Great Lakes Water Institute. Faxed information can be sent to 816-426-7530, Attn: Sharon Walker. The Central Region Administrative Division (CRAD), requires that all contractors doing business with the Acquisition Office must be registered with the Central Contractor Registry (CCR). NO award can be made unless the vendor is registered in CCR. For additional information and to register in CCR please access the following website: <http://www.ccr.gov/>. In order to register with the CCR and to be eligible to receive an award from this acquisition office, all offerors must have a Dun & Bradstreet Number. A Dun & Bradstreet number may be acquired free of charge by contacting Dun & Bradstreet on-line at <https://www.dnb.com/product/eupdate/requestOptions.html> or by phone at (800) 333-0505. The government now requires all contractors submit their Certification and Representation thru the on-line Business Partner Network (BPN). The BPN is the single source for vendor data for the federal government. Contractors should go on-line at [www.bpn.gov](http://www.bpn.gov). Award will not be made to any contractor that is not registered in CCR and BPN. Responses should be faxed to 816-426-7530. Attn: Sharon Walker.

Facsimile responses will be accepted at (816) 426-7530. The NAICS code for this action is 541710. Size standard not to exceed 500 employees. This service is being procured under the guidelines of FAR Part 13, Simplified Acquisition Procedures.

**This notice may be removed after September 2, 2005.**

Posted at CRAD (Website) Kansas City, Missouri